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Sequence Listing was accepted.

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217-9197 (toll free).

Reviewer: Durreshwar Anjum

Timestamp: Tue Oct 23 10:26:56 EDT 2007

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Application No: 10594418 Version No: 2.0

Input Set:**Output Set:**

Started: 2007-10-04 15:55:22.188
Finished: 2007-10-04 15:55:24.040
Elapsed: 0 hr(s) 0 min(s) 1 sec(s) 852 ms
Total Warnings: 27
Total Errors: 0
No. of SeqIDs Defined: 27
Actual SeqID Count: 27

Error code	Error Description
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W 213	Artificial or Unknown found in <213> in SEQ ID (2)
W 213	Artificial or Unknown found in <213> in SEQ ID (3)
W 213	Artificial or Unknown found in <213> in SEQ ID (4)
W 213	Artificial or Unknown found in <213> in SEQ ID (5)
W 213	Artificial or Unknown found in <213> in SEQ ID (6)
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W 213	Artificial or Unknown found in <213> in SEQ ID (8)
W 213	Artificial or Unknown found in <213> in SEQ ID (9)
W 213	Artificial or Unknown found in <213> in SEQ ID (10)
W 213	Artificial or Unknown found in <213> in SEQ ID (11)
W 213	Artificial or Unknown found in <213> in SEQ ID (12)
W 213	Artificial or Unknown found in <213> in SEQ ID (13)
W 213	Artificial or Unknown found in <213> in SEQ ID (14)
W 213	Artificial or Unknown found in <213> in SEQ ID (15)
W 213	Artificial or Unknown found in <213> in SEQ ID (16)
W 402	Undefined organism found in <213> in SEQ ID (17)
W 402	Undefined organism found in <213> in SEQ ID (18)
W 402	Undefined organism found in <213> in SEQ ID (19)
W 402	Undefined organism found in <213> in SEQ ID (20)

Input Set:

Output Set:

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Total Warnings: 27
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Error code	Error Description
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W 213	Artificial or Unknown found in <213> in SEQ ID (22)
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W 213	Artificial or Unknown found in <213> in SEQ ID (24) This error has occurred more than 20 times, will not be displayed

SEQUENCE LISTING

<110> Hexima Limited
Poon, Simon
Heath, Robyn L.
Clarke, Adrienne E.

<120> Arabinogalactan Protein Compositions and Methods for Fostering
Somatic Embryonic Competence

<130> 12639240/AJH

<140> 10594418

<141> 2007-10-04

<150> 60/558,609

<151> 2004-03-01

<160> 27

<170> PatentIn version 3.4

<210> 1

<211> 15

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic peptide

<220>

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<213> Artificial Sequence

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<223> y is c or t

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gctttcgaac ccaaattgcta ctag

84

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<220>
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<220>
<223> Synthetic primer

<400> 16
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<212> DNA
<213> Gossypium sp.

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tcttctgaat cagattctct caacaaatgg gctgaaaaag ctcgtttcca aatcggcgac      180

tctctcgtgt ggaaatatga tggtggtaaa gactcgggtg tccaagtgag taaggaggat      240

tatacaagtt gcaatacgtc gaacccgatt gccgagtaca aagatgggaa caccaagggtg      300

aagcttgaaa agtcaggacc atatttcttc atgagtggag caaagggccca ctgcgagcaa      360

ggccagaaga tgattgtggt tgtgatgtct caaaagcata ggtacattgg aatctctcca      420

gcaccttcgc cggttgattt tgaagggtccg gccgttgctc caacaagcgg agttgcaggg      480

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<210> 18
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<213> Gossypium sp.

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<400> 18

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Phe Ile Phe Leu Ser Phe Ala Gln Gly Lys Glu Ile Met Val Gly Gly
20              25              30

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Lys Thr Gly Ala Trp Lys Ile Pro Ser Ser Glu Ser Asp Ser Leu Asn
35              40              45

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Lys Trp Ala Glu Lys Ala Arg Phe Gln Ile Gly Asp Ser Leu Val Trp
50              55              60

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Lys Tyr Asp Gly Gly Lys Asp Ser Val Leu Gln Val Ser Lys Glu Asp
65              70              75              80

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Tyr Thr Ser Cys Asn Thr Ser Asn Pro Ile Ala Glu Tyr Lys Asp Gly
85              90              95

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Asn Thr Lys Val Lys Leu Glu Lys Ser Gly Pro Tyr Phe Phe Met Ser
100              105              110

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Gly Ala Lys Gly His Cys Glu Gln Gly Gln Lys Met Ile Val Val Val
115              120              125

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Met Ser Gln Lys His Arg Tyr Ile Gly Ile Ser Pro Ala Pro Ser Pro
 130 135 140

Val Asp Phe Glu Gly Pro Ala Val Ala Pro Thr Ser Gly Val Ala Gly
 145 150 155 160

Leu Lys Ala Gly Leu Leu Val Thr Val Gly Val Leu Gly Leu Phe
 165 170 175

<210> 19
 <211> 660
 <212> DNA
 <213> Gossypium sp.

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 gagaactaca atcattgggc tgaaaggaat agattccaag tcaatgatac tctctttttc 180
 aagtacaaga aagggtcaga ctcggtgctg ttggtaacaa gagaagatta cttctcatgc 240
 aacaccaaga acccaattca gtctttaaca gaaggtgatt cactctttac atttgatcgg 300
 tcgggtccct tctttttcat caccggtaac gctgataatt gcaaaaaagg gcaaaagctg 360
 atcgtcgtgg tcatggctgt aagacacaaa cccagcaac aacctccttc accttctccc 420
 tcatctgctg tgacaacagc gccggtttct ccaccacat taccattcc tgaaactaac 480
 cctcctgtag agtcaccaa gagcagtgag gctccatctc atgatgctgt ggaaccagct 540
 ccgccggagc acagatcggg ttcatcaaa ctagtatgtt ctacctggct ggtgttgggt 600
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<210> 20
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 <212> PRT
 <213> Gossypium sp.

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 20 25 30

Asp Gly Trp Val Val Ser Pro Ser Glu Asn Tyr Asn His Trp Ala Glu
35 40 45

Arg Asn Arg Phe Gln Val Asn Asp Thr Leu Phe Phe Lys Tyr Lys Lys
50 55 60

Gly Ser Asp Ser Val Leu Leu Val Thr Arg Glu Asp Tyr Phe Ser Cys
65 70 75 80

Asn Thr Lys Asn Pro Ile Gln Ser Leu Thr Glu Gly Asp Ser Leu Phe
85 90 95

Thr Phe Asp Arg Ser Gly Pro Phe Phe Phe Ile Thr Gly Asn Ala Asp
100 105 110

Asn Cys Lys Lys Gly Gln Lys Leu Ile Val Val Val Met Ala Val Arg
115 120 125

His Lys Pro Gln Gln Gln Pro Pro Ser Pro Ser Pro Ser Ser Ala Val
130 135 140

Thr Thr Ala Pro Val Ser Pro Pro Thr Leu Pro Ile Pro Glu Thr Asn
145 150 155 160

Pro Pro Val Glu Ser Pro Lys Ser Ser Glu Ala Pro Ser His Asp Ala
165 170 175

Val Glu Pro Ala Pro Pro Glu His Arg Ser Gly Ser Phe Lys Leu Val
180 185 190

Cys Ser Thr Trp Leu Val Leu Gly Phe Gly Ile Trp Val Ser Met Ala
195 200 205

Leu Gly Ile Glu Asn Val Val Cys Phe Trp Cys
210 215

<210> 21

<211> 48

<212> DNA

<213> Artificial Sequence

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<223> Synthetic primer

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<211> 31
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic primer

<400> 22
ctagattcca atgtacctat gcttttgaga c 31

<210> 23
<211> 45
<212> DNA
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<400> 23
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<211> 34
<212> DNA
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<400> 24
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<210> 25
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<213> Artificial Sequence

<220>
<223> Recombinant PL1 sequence

<400> 25

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20 25 30

Gly Ser Lys Glu Ile Met Val Gly Gly Lys Thr Gly Ala Trp Lys Ile
35 40 45

Pro Ser Ser Glu Ser Asp Ser Leu Asn Lys Trp Ala Glu Lys Ala Arg
50 55 60

Phe Gln Ile Gly Asp Ser Leu Val Trp Lys Tyr Asp Gly Gly Lys Asp
65 70 75 80

Ser Val Leu Gln Val Ser Lys Glu Asp Tyr Thr Ser Cys Asn Thr Ser
85 90 95

Asn Pro Ile Ala Glu Tyr Lys Asp Gly Asn Thr Lys Val Lys Leu Glu
100 105 110

Lys Ser Gly Pro Tyr Phe Phe Met Ser Gly Ala Lys Gly His Cys Glu
115 120 125

Gln Gly Arg Lys Met Ile Val Val Val Met Ser Gln Lys His Arg Tyr
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Ile Gly Ile
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<210> 26

<211> 144

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<213> Artificial Sequence

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<223> Recombinant P12 sequence

<400> 26

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20 25 30

Gly Ser Tyr Lys Phe Tyr Val Gly Gly Arg Asp Gly Trp Val Val Ser
35 40 45

Pro Ser Glu Asn Tyr Asn His Trp Ala Glu Arg Asn Arg Phe Gln Val
50 55 60

Asn Asp Thr Leu Phe Phe Lys Tyr Lys Lys Gly Ser Asp Ser Val Leu
65 70 75 80

Leu Val Thr Arg Glu Asp Tyr Phe Ser Cys Asn Thr Lys Asn Pro Ile
85 90 95

Gln Ser Leu Thr Glu Gly Asp Ser Leu Phe Thr Phe Asp Arg Ser Gly
100 105 110

Pro Phe Phe Phe Ile Thr Gly Asn Ala Asp Asn Cys Lys Lys Gly Gln
115 120 125

Lys Leu Ile Val Val Val Met Ala Val Arg His Lys Pro Gln Gln Gln
130 135 140

<210> 27
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Synthetic peptide

<400> 27

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